

XP-002164302

AN - 1996-085889 [09]

AP - SU19833630506 19830627

CPY - ASHI-R

- LEPE-R

- NWBE-R

DC - B02 C02

DR - 1849-U

FS - CPI

IC - A61K31/795 ; C08F8/00 ; C08F220/34 ; C08F226/10

IN - KOPEIKIN V V; NEZHENTSEV M V; PANARIN E F

MC - B04-C03A C04-C03A B05-A01B C05-A01B B14-E11 C14-E11 B14-S12 C14-S12

M1 - [01] F011 F012 F423 H1 H181 H2 H211 H7 H713 H721 J0 J011 J2 J271 J5

J521 K0 L7 L722 L9 L941 M210 M212 M213 M232 M273 M281 M283 M312 M320

M321 M332 M342 M383 M391 M423 M431 M510 M520 M521 M530 M540 M782 M903

M904 P713 V743; R00546-M R00546-Q; 9609-12501-M 9609-12501-Q

M2 - [02] G011 G012 G013 G100 K0 K4 K421 K431 M210 M213 M214 M215 M216 M220

M221 M222 M223 M224 M225 M226 M231 M232 M233 M240 M271 M272 M281 M320

M414 M416 M431 M510 M520 M530 M531 M540 M620 M630 M782 M903 M904 P713

Q616; 9609-12502-M 9609-12502-Q

PA - (ASHI-R) AS USSR HIGH MOL WT CPDA INST

- (LEPE-R) LENG D PEDIATRI MED INST

- (NWBE-R) NW BELOGORKA RES PRODN ASSOC

PN - SU1172237 A1 19950527 DW199609 C08F220/34 004pp

PR - SU19833630506 19830627

XA - C1996-027624

XIC - A61K-031/795 ; C08F-008/00 ; C08F-220/34 ; C08F-226/10

AB - SU1172237 Water soluble complexes of cationic polyelectrolyte

copolymers of N-vinylpyrrolidone and N,N,N,N-triethylmethacryloyloxy

ethyl ammonium iodide (TAI) and anionic surfactants of formula (I) are

new. The surfactants are Na alkyl sulphates of formula  $\text{ROSO}_3\text{Na}$ , where

R is  $\text{Cl}_2\text{H}_{25}\text{Cl}_6\text{H}_{33}$ , Na alkylbenzo sulphonates of formula

$\text{I}_2\text{-18C}_{25}\text{-37HC}_6\text{H}_4\text{SO}_3\text{Na}$ , Na alkylsulphonates of formula  $\text{R}_1\text{R}_2\text{CHSO}_3\text{Na}$ ,

where  $\text{R}_1$  is  $\text{C}_p\text{H}_{2p+1}$ ;  $\text{R}_2$  is  $\text{C}_q\text{H}_{2q+1}$ ;  $p+q = 11-17$ ;  $n = 83-93$  mol.%;  $m = 7-17$  mol.%; and mol. wt.  $\approx 23 \times 10^3 - 120 \times 10^3$ .

- USE - At a molar ratio of TAI:surfactant of 1:(3.6-4.0) the complexes have weight and growth stimulating properties in animals.

- ADVANTAGE - The complexes have increased weight and growth stimulating activity in animals.

- (Dwg.0/0)

CN - 9609-12501-M 9609-12501-Q 9609-12502-M 9609-12502-Q R00546-M R00546-Q

IW - NEW WATER SOLUBLE COMPLEX STIMULATING ANIMAL GROWTH COMPRISE CATION POLYELECTROLYTE COPOLYMER N VINYL PYRROLIDONE TRI ETHYL METHACRYLOYL OXY ETHYL AMMONIUM IODIDE ANION SURFACTANT

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INW - KOPEIKIN V V; NEZHENTSEV M V; PANARIN E F

NC - 001

OPD - 1983-06-27

ORD - 1995-05-27

PAW - (ASHI-R) AS USSR HIGH MOL WT CPDA INST